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L5: Entry 62 of 74

File: USPT

May 16, 1995

DOCUMENT-IDENTIFIER: US 5416157 A

TITLE: Process for improving mechanical shear stability of acrylic enteric polymers

Brief Summary Text (35):

3. A coating system which employs an aqueous solution of alkali salt of an enteric polymer such as sodium or ammonium salt of hydroxypropyl methylcellulose phthalate (HPMCP), polyvinylacetate phthalate (PVAP), or cellulose acetate phthalate (CAP).

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File: USPT

Oct 18, 1994

DOCUMENT-IDENTIFIER: US 5356634 A
TITLE: Controlled-release delivery system

Brief Summary Text (4):

Polymeric materials which are insoluble at low pH but soluble in high pH are well known for enteric coating applications for medicaments. The polymers commonly used for enteric coatings are cellulose acetate phthalate (C-A-P), hydroxypropyl methylcellulose phthalate (HPMCP), cellulose acetate trimellitate (C-A-T), and hydroxypropyl methylcellulose acetate succinate (HPMCAS). Polyvinyl acetate phthalate (PVAP) and acrylic resins such as copoly(methacrylic acid/ethyl acrylate 1:1) and copoly(methacrylic acid/methyl methacrylate 1:1, or 1:2) are also known for their applications as enteric coating polymers. (See for example, *Aqueous Polymeric Coatings for Pharmaceutical Dosage Forms*, by J. W. McGinnity, Marcel Dekker, New York (1989), p. 81.)

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L5: Entry 66 of 74

File: USPT

Nov 3, 1992

DOCUMENT-IDENTIFIER: US 5160742 A

** See image for Certificate of Correction **

TITLE: System for delivering an active substance for sustained release

Detailed Description Text (23):

Materials suitable for use in the enteric coating layer include enteric coating substances, with representative materials comprising methacrylic acid copolymer USP/NF Type A (also known as Eudragit.RTM. L 100, Eudragit.RTM. L 12.5, and Eudragit.RTM. L12.5P), methacrylic acid copolymer USP/NF Type B (also known as Eudragit.RTM. S 100, Eudragit.RTM. S 12.5P), blends of methacrylic acid copolymer USP/NF Type A and methacrylic acid copolymer USP/NF Type B, methacrylic acid USP/NF Type C (also known as Eudragit.RTM. L 30D and Eudragit.RTM. L 100-55), hydroxypropyl methylcellulose, hydroxy propyl methyl cellulose phthalate, also known as HPMCP, HP50 or HP55, cellulose acetate phthalate, also known as C-A-P, cellulose acetate trimellitate, also known as C-A-T, blends of C-A-T ad C-A-P, polyvinyl acetate phthalate, also known as PVAP, and ethyl cellulose, also known as EC. Eudragit.RTM. is an acrylic copolymer based on methacrylic acid and methyl methacrylate from Rohm Pharmac, of Germany, which has as a U.S.A. agent Rohm Tech, Inc. of Malden, Mass. The foregoing examples are illustrative and not restrictive of suitable materials for inclusion in the delivery system of the invention, and the invention is considered to extend to unnamed equivalent materials within its scope. The enteric used herein was about a 3 to 1 weight/weight blend of Eudragit.RTM. L 100 and Eudragit.RTM. S 100, respectively, which is believed to be the best mode of practicing the invention.

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L5: Entry 67 of 74

File: USPT

Jun 18, 1991

DOCUMENT-IDENTIFIER: US 5025004 A

TITLE: Water-dispersible polymeric compositions

Brief Summary Text (7):

3. The coating system employs an aqueous solution of alkali salt of an enteric polymer such as sodium or ammonium salt of hydroxypropyl methylcellulose phthalate (HPMCP), polyvinylacetate phthalate (PVAP), or cellulose acetate phthalate (CAP).

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